11-5805-243-20P

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE

REPAIR PARTS AND

SPECIAL TOOLS LISTS

FOR

TELEPHONE SET TA-1/PT

(NSN 5805-00-521-1320)

HEADQUARTERS, DEPARTMENT OF THE ARMY

DECEMBER 1976

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Technical Manual
No. 11-5805-243-20P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, *31 December 1976*

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

FOR

TELEPHONE SET TA-1/PT

(NSN 5805-00-521-1320)

Current as of 15 October 1976

REPORTING OF ERRORS

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In either case a reply will be furnished direct to you.

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*This manual supersedes TM 11-5805-243-20P, 16 June 1971.

SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the TA-1/PT. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts list are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(*a*) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate the following level of maintenance:

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverabilty (SMR) Codes.

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	*Definition*
PA	Item procured and stocked for anticipated or known usage.
O	Support item is removed, replaced, used at the organizational level.

(*b*) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain the following maintenance code:

Code	*Application/Explanation*
Z	Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability codes	*Definition*
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which

controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock-numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.) When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

a. The following publications pertain to the TA-1/PT and its components:

TM 11-2300-369-15-1, Installation of Telephone Set TA-312/PT and TA-1/PT with Reel Equipment CE-11 in Gun, AAA, 20MM, XM167

TM 11-5805-243-12, Telephone Set TA-1/PT

b. The illustrations in this manual are identical to those published in TM 11-5805-243-34P. Only those parts assigned the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

(Next printed page is 4)

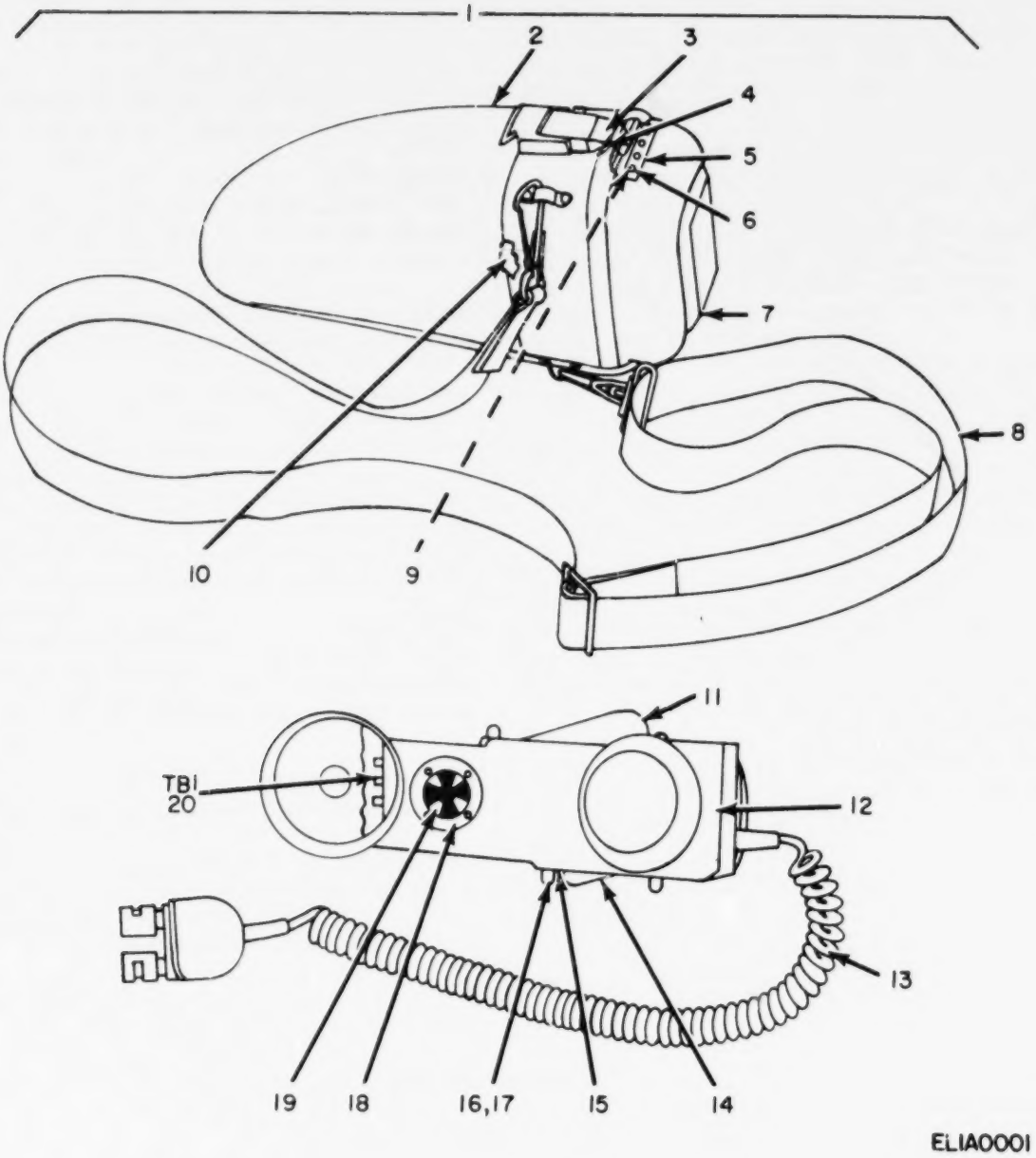

Figure 1. Telephone Set TA-1/PT.

SECTION II

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 00 TELEPHONE SET TA-1/PT		
1	1	PAOZZ	5805-00-543-1881	SMD143140	80063	CASE,TELEPHONE	EA	1
1	8	PAOZZ	5805-00-313-3548	SMB170376	80063	STRAP,CARRYING	EA	1
1	11	PAOZZ	5965-00-698-0422	SMC143845	80063	COVER,BOOT,DUST AND MOISTURE SEAL	EA	1
1	14	PAOZZ	5965-00-698-0424	SMC143762	80063	COVER,BOOT,DUST AND MOISTURE SEAL	EA	1
1	15	PAOZZ	5805-00-766-3407	SMB169070	80063	RETAINER,SWITCH COVER	EA	2
1	16	XDOZZ		SMB169073	80063	NUT,CAP		

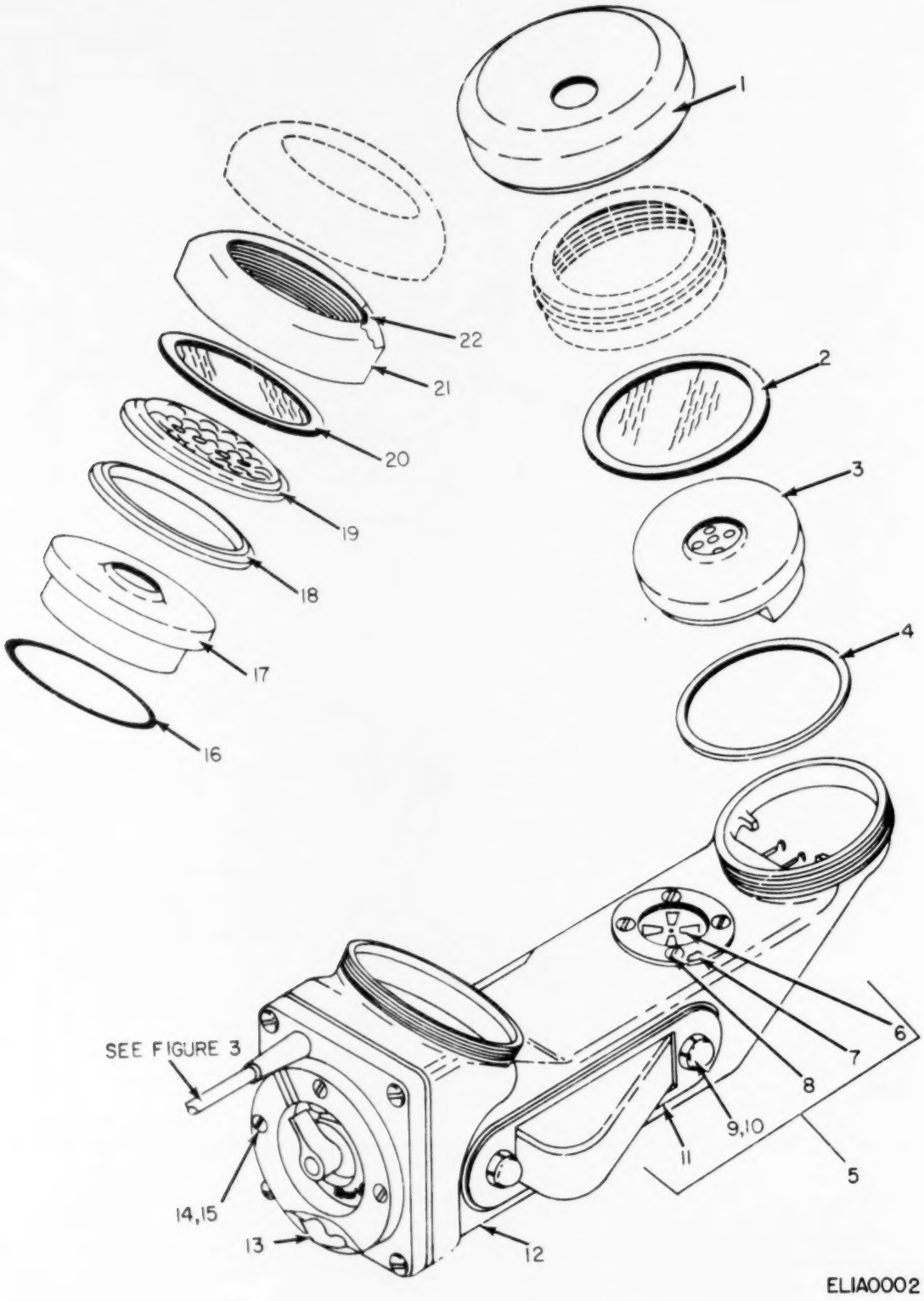

Figure 2. Telephone Set TA-1/PT, Handset.

SECTION II

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
2	1	PAOZZ	5999-00-162-1259	SMB143122	80063	CAP,ELECTRICAL	EA	1
2	2	PAOZZ	5965-00-698-0428	SMB169076GRP2	80063	DIAPHRAM,MOISTURE PREVENTING	EA	1
2	3	PAOZZ	5965-00-341-9311	SCDL169086	80063	EARPHONE ELEMENT TA-118/PT	EA	1
2	4	PAOZZ	5330-00-698-0414	SMB169079	80063	GASKET	EA	1
2	16	PAOZZ	5330-00-698-0411	SMB169021	80063	GASKET	EA	1
2	17	PAOZZ	5965-00-341-9312	SCDL169109	80063	MICROPHONE ELEMENT TA-121/PT	EA	1
2	18	PAOZZ	5965-00-698-0434	SMB169081	80063	SUPPORT,RESONATOR	EA	1
2	19	PAOZZ	5965-00-698-0433	SMB169082	80063	RESONATOR,TRANSMITTER	EA	1
2	20	PAOZZ	5965-00-698-0426	SMB169076GRP1	80063	DIAPHRAM,MOISTURE PREVENTING	EA	1
2	21	PAOZZ	5999-00-577-9566	SMB143123	80063	CAP,ELECTRICAL	EA	1

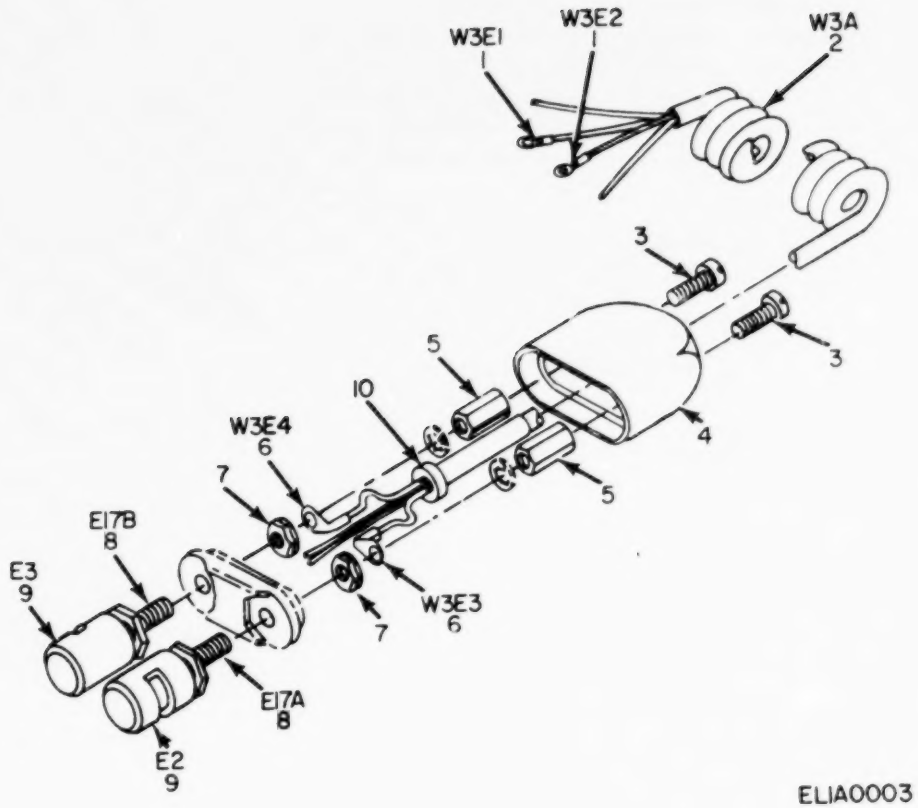

Figure 3. Telephone Set TA-1/PT, Handset Cord Assembly.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
3	9	PAOZZ	5999-00-254-2243	SCC76202-2243	80063	CAP,ELECTRICAL	EA	2

STOCK NUMBER	FIGURE NO.	ITEM NO.
5995-00-162-1259	2	1
5999-00-254-2243	3	9
5805-00-313-3548	1	8
5965-00-341-9311	2	3
5965-00-341-9312	2	17
5805-00-543-1881	1	1
5999-00-577-9566	2	21
5330-00-698-0411	2	16
5330-00-698-0414	2	4
5965-00-698-0422	1	11
5965-00-698-0424	1	14
5965-00-698-0426	2	20
5965-00-698-0428	2	2
5965-00-698-0433	2	19
5965-00-698-0434	2	18
5805-00-766-3407	1	15

PART NUMBER	FSCM	FIGURE NO.	ITEM NO.
SCC76202-2	80063	3	9
SCDL169086	80063	2	3
SCDL169109	80063	2	17
SMB143122	80063	2	1
SMB143123	80063	2	21
SMB169021	80063	2	16
SMB169070	80063	1	15
SMB169073	80063	1	16
SMB169076GRP1	80063	2	20
SMB169076GRP2	80063	2	2
SMB169079	80063	2	4
SMB169081	80063	2	18
SMB169082	80063	2	19
SMB170376	80063	1	8
SMC143762	80063	1	14
SMC143845	80063	1	11
SMD143140	80063	1	1

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DATE 10 July 1975

PUBLICATION NUMBER	DATE	TITLE
TM 11-5840-340-12	23 Jan 74	Radar Set AN/[illegible]-76

BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.	IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:
2-25	2-28			Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°. REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of [illegible] knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.
3-10	3-3		3-1	Item 5, Function column. Change "2 db" to "3db." REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.
5-6	5-8			Add new step f.1 to read, "Replace cover plate removed in step e.1, above." REASON: To replace the cover plate.
		F03		Zone C 3. On J1-2, change "+24 VDC to "+5 VDC." REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER
SSG I. M. DeSpiritof 999-1776

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NG: State AG (3); Units - Same as Active Army.
USAR: None
For explanation of abbreviations used, see AR 310-50.

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